

# **MSFC's Export Control Program**

**Vanita Brown**

**Export Control Program (ECP)**

**AS50/Protective Services Office**

**Office of Center Operations**

**MSFC**

# Introduction

- **Today:**
  - **Who, What, Why and How concerning the MSFC Export Control Program (ECP)**

# Protective Services Office

- **Supervisor – Micheal (Mike) Wilson**
- **Sensitive But Unclassified (SBU) – Lead,  
Sherman Wilson**

# ECP Organization



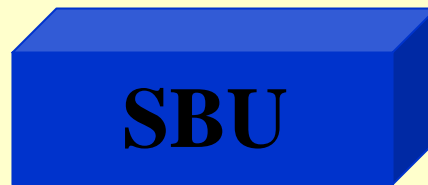
- **HEA - Headquarters Export Administrator/Code I, Mr. John Hall**
- **CEA - Center Export Administrator/AS50, Mr. William “Rip” Nabors**
- **Process and Training Lead/AS50 Ms. Vanita Brown**
- **CEC - Center Export Counsel/CC01, Mr. James “Jim” McGroary**
- **ECA – Export Control Auditor/RS40, Mr. Wayne Tankesley**
- **CER - Center Export Representative(s) (Each Origination)**
- **Department/Project/Program Managers**
- **Center Officers (International Visitor Coordinator IVC, Center Transportation Officer CTO, Center Information Officer CIO, Documentation Availability Authorization Representative DAAR and Software Release Authority SRA)**
- **Exporters (All employees)**

# Overview

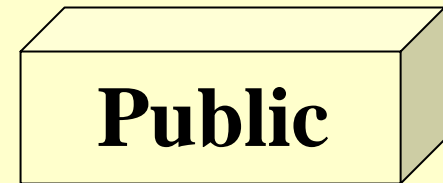
## Classified – SBU - Public



**TOP SECRET or SECRET**  
**or CONFIDENTIAL**



**ITAR or EAR or**  
**Trade Secrets or**  
**Personnel, Medical or**  
**Business Confidential**



**Conference Papers or**  
**White Papers or**  
**Working Data or**  
**News or**  
**Books**

# Overview

## Sensitive But Unclassified



(NPR 1600.1, “NASA Security Program Procedural Requirements”)

- **Sensitive But Unclassified (SBU) Controlled Information/Material.** Unclassified information regardless of its form (digital, hard-copy, magnetic tape) or material determined to have special protection requirements to preclude unauthorized disclosure to avoid compromises, risks to facilities, projects or programs, threat to the security and/or safety of the source of information, or to meet access restrictions established by laws, directives, policies, or regulations:
  - **a. ITAR – International Traffic in Arms Regulations**
  - **b. EAR – Export Administration Regulations**
  - **c. MCTL – Militarily Critical Technologies List**
  - **d. FAR – Federal Acquisition Regulations**
  - **e. Privacy Act**
  - **f. Proprietary**
  - **g. FOIA – Freedom of Information Act**
  - **h. UCNI – Unclassified Controlled Nuclear Information**
  - **i. NASA Developed Software**
  - **j. Scientific and Technical Information (STI)**
  - **k. Source Selection and Bid and Proposal Information**
  - **l. Inventions**

# Overview



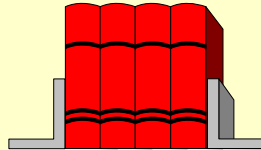
## MSFC's Export Control Program

- Our Export Control Program includes; but is not limited to
  - Export Clearance and Approval,
  - Export Licensing,
  - Scientific and Technical Information,
  - Repository and Distribution of Data,
  - Foreign Nationals Visitors, Foreign Travel,
  - and Traffic Management
- Our Export Control Requirements Originate from
  - The United States Laws and Regulations,
  - The NASA's Export Control Program NPR 2190.1,
  - and Marshall Policy Directive MPD 2190.1

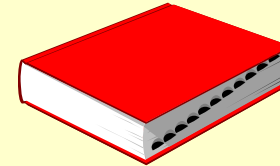
# The Law

# WHAT

**Arms Export Control Act  
–1976,**



**Export Administration Act  
– 1979, October 1**



**What is Controlled**



**Defense Articles  
and Services**  
*(Shuttle, ISS Data)*

**Dual Use  
Products**  
*(ISS, Computers)*



## Jurisdiction



**Department of  
State - ITAR**

**Department of  
Commerce- EAR**



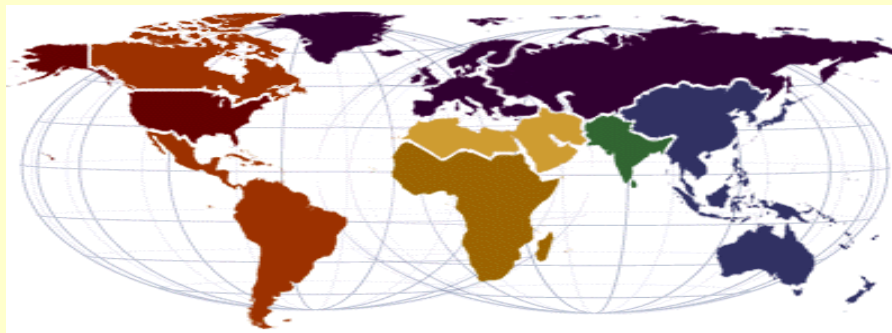


# Controlled Countries



As of October 26, 2007

**Countries** are considered “Controlled” or “Not Controlled” based on individual **Regulations**



## **Current EAR (Prohibited) Destinations**

Cuba,	Iran,	Libya,
N. Korea,	Sudan,	Syria

## **ITAR Proscribed / (Prohibited) Destinations**

Afghanistan,	Burma,	Belarus,
Cuba,	Cyprus,	Haiti,
Indonesia,	Iran,	Iraq,
Liberia,	Libya,	N Korea,
Rwanda,	Somalia,	Sudan,
Syria,	Vietnam,	Yemen,
Zimbabwe,		
People's Republic of China		
Democratic Republic of the Congo		

***(All subject to presumption of denial - Subject to Change)***

# NASA's Top Five Reasons Why Exports Are “Controlled”



- NASA holds significant expertise in space launch vehicle, satellites and other advanced technologies that others would love to have.
- Recent losses, **US technology**, **terrorists** and **export problems** have heightened concerns.
- Exporting is a “privilege”, not a “right” – so “DO IT RIGHT”
- Export “privileges” can be revoked, precluding our ability to conduct international activities.
- **It's the law.**

# **Exporting is**

## **all of the following and more:**



- **Placing information on the World-Wide-Web, making data available through ftp sites, etc.**
- **Placing information in the Public Domain (i.e. International Conference, News Papers).**
- **Verbal Discussions with foreign nationals (TIM) or presentations to groups that include foreign nationals.**
- **Hand-carrying of items to a foreign nationals.**
- **Shipments of items outside the U.S.**
- **Mailing, Faxing, E-mailing items outside the U.S. or to foreign nationals within the U.S.**
- **Any means of communication to a foreign entity.**

# **ECP Policy and Directives**

- **MSFC Export Control Program**
  - **(MPD 2190.1) Defines Roles & Responsibilities**
- **Management of NASA Scientific and Technical Information (STI)**
  - **(NPR 220025)**
- **External Release of NASA Software**
  - **(NPR 2210.1)**
- **Security of Information Technology**
  - **(MPD 2800.1)**
- **Procedure and Guidelines for Processing Foreign Visitor Requests**
  - **(MPR 1371.1)**
- **Procurement and Traffic Management and Freight**
  - **(MWI 6000.1B)**

# Where to go for Export Control

- **The MSFC Export Control Website and The MSFC Integrated Document Library (MIDL)**
- **Call Your Center Export Representatives (CER)**
- **Call MSFC's Center Export Administrator (CEA)**
  - **Rip Nabors 544-0688**
- **Or Call**
  - **Vanita Brown 544-2476**



# Export Control Website

Export Control Program Center Export Representatives - Microsoft Internet Explorer provided by MSFC

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address [http://co.msfc.nasa.gov/export\\_control/export\\_reps.html](http://co.msfc.nasa.gov/export_control/export_reps.html) Go Links

DashBar Enter search words here Search

Y! Search Web Shopping Mail My Yahoo! Basketball

**Center Operations**  
supporting the future

Home Center Ops Departments Inside Marshall

Search:  Go

**Export Control**

- Points of Contact
- Center Export Representatives
- Governing Documents
- Forms
- Training
- Related Links
- Definitions/Acronyms
- Export Control FAQ

**Export Control Program**

**Center Export Representatives**  
**Effective February 1, 2005, Rev C**

**Office of Center Operations**

Org	Name	Telephone
AD01	Rip Nabors	544-0688
AD01-Alt	Vanita Brown	544-2476
AD40	Tim Crabb	544-0365

**Center Export Reps (CERs)**

start S:\ UPDAT... New Su... Export ... Internet 4:23 PM

# Department of State; ITAR; Part 121.1 - The United States Munitions List (USML) Category List

- I - Firearms
- II - Artillery Projectors
- III - Ammunition
- *\*IV - Launch Vehicles, etc...*
- *\*V - Explosives, Propellants, Incendiary Agents and Their Constituents*
- VI - Vessels of War and Special Naval Equipment
- VII - Tanks and Military Vehicles
- *\*VIII - Aircraft and Associated Equipment*
- IX - Military Training Equipment
- X - Protective Personnel Equipment
- XI - Military Electronics
- *\*XII - Fire Control, Range Finder, Optical and Guidance and Control Equipment*
- *\*XIII - Auxiliary Military Equipment*
- XIV - Toxicological Agents and Equipment and Radiological Equipment
- *\*XV - Spacecraft Systems and Associated Equipment*
- XVI - Nuclear Weapons Design and Related Equipment
- XVII - Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated
- XVIII - Reserved
- XIX - Reserved
- XX - Submersible Vessels, Oceanographic and Associated Equipment
- XXI - Miscellaneous Articles

# Department of Commerce; EAR; 15 CFR 774; The Commerce Control List

- **Category 0 - Nuclear Materials, Facilities and Equipment and Misc.**
- *\*Category 1 - Materials, Chemicals, Microorganisms and Toxins*
- *\*Category 2 - Materials Processing*
- *\*Category 3 - Electronics*
- *\*Category 4 - Computers*
- **Category 5 - Telecommunications and Information Security**
- **Category 6 - Lasers and Sensors**
- **Category 7 - Navigation and Avionics**
- **Category 8 - Marine**
- *\*Category 9 - Propulsion Systems, Space Vehicles and Related Equipment*

**Back up EAR**